

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/015772

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02N11/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F02N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/140881 A1 (MAKAJIMA HIROYUKI ET AL) 31 July 2003 (2003-07-31) paragraph '0088!; figures 9-11,14	1,3-7, 9-11
X	EP 1 233 175 A (MITSUBA CORP) 21 August 2002 (2002-08-21) paragraphs '0064!, '0068!; figures 6,7,9,10,13	1,3-7, 9-11
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06, 4 June 2002 (2002-06-04) & JP 2002 061554 A (HONDA MOTOR CO LTD), 28 February 2002 (2002-02-28) cited in the application abstract	1,3-7, 9-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

7 January 2005

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19/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx: 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ulivieri, E

INTERNATIONAL SEARCH REPORTInternational Application No
PCT/JP2004/015772**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 688 548 A (DURANTON ANDRE) 17 September 1993 (1993-09-17) page 2, line 32 – page 3, line 2; figure 1 _____	1, 7

INTERNATIONAL SEARCH REPORT
Information on patent family members

Int'l Application No
PCT/JP2004/015772

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
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